

PATENT ABSTRACTS OF JAPAN

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(21)Application number : **02-210762** (71)Applicant : **AISIN SEIKI CO LTD**
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(54) MONITORING SYSTEM FOR POSITION OF MOBILE STATION

(57)Abstract:

PURPOSE: To control the data of a mobile station going outside the radio service area at a command station by providing a measuring/transmitting means for measuring the position of the mobile station with use of an artificial measuring satellite and transmitting the data of the mobile station itself, and a relay means which communicates with a specific mobile station when the specific mobile station cannot communicate with the command station.

CONSTITUTION: The position of a mobile station 14 is measured with use of artificial measuring satellites 11-13. The measured positional information and the information of the mobile station 14 itself are transmitted to a command station 15. When the command station 15 cannot communicate with a specific mobile station 14A, the mobile station 14 which can communicate in compliance with a command from the command station 15 communicates with the specific mobile station 14A, thereby to receive transmission signals from a measuring/transmitting means for measuring the position of the mobile station and a relay station. The measured positional information and the information of the mobile station 14 itself and relay station are displayed. Accordingly, if the mobile station 14A going outside the radio service area is necessary to be tracked, the relay station can be moved corresponding to the movement of the mobile station outside the radio service area.

